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RAW SEQUENCE LISTING

DATE: 07/11/2001

PATENT APPLICATION: US/09/518,098B

TIME: 10:21:32

Input Set : A:\#189827 v1 - 114232.107 Sequence Listing.txt

Output Set: N:\CRF3\07112001\I518098B.raw

3 <110> APPLICANT: Shapiro, Leland
5 <120> TITLE OF INVENTION: Inhibitors of Serine Protease Activity, Methods and
6 Compositions for Treatment of Viral Infections
8 <130> FILE REFERENCE: 114232.107
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/518,098B
11 <141> CURRENT FILING DATE: 2000-03-03
13 <150> PRIOR APPLICATION NUMBER: U.S. 60/123,167
14 <151> PRIOR FILING DATE: 1999-03-05
16 <160> NUMBER OF SEQ ID NOS: 19
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 5
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
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26 Phe Val Phe Leu Met
27 1 5
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32 <212> TYPE: PRT
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43 <213> ORGANISM: Homo sapiens
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57 1 5
60 <210> SEQ ID NO: 5
61 <211> LENGTH: 5
62 <212> TYPE: PRT
63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 5
66 Phe Val Phe Leu Ala
67 1 5
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 5

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73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 6
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77 1 5
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81 <211> LENGTH: 5
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87 1 5
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91 <211> LENGTH: 5
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93 <213> ORGANISM: Homo sapiens
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97 1 5
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101 <211> LENGTH: 5
102 <212> TYPE: PRT
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105 <400> SEQUENCE: 9
106 Phe Leu Phe Val Val
107 1 5
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111 <211> LENGTH: 5
112 <212> TYPE: PRT
113 <213> ORGANISM: Homo sapiens
115 <400> SEQUENCE: 10
116 Phe Leu Phe Phe Ile
117 1 5
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121 <211> LENGTH: 5
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123 <213> ORGANISM: Homo sapiens
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126 Phe Leu Met Phe Ile
127 1 5
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136 Phe Met Leu Leu Ile
137 1 5
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143 <213> ORGANISM: Homo sapiens
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146 Phe Ile Ile Met Ile
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152 <212> TYPE: PRT
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155 <400> SEQUENCE: 14
156 Phe Leu Phe Cys Ile
157   1           5
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161 <211> LENGTH: 5
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165 <400> SEQUENCE: 15
166 Phe Leu Phe Ala Val
167   1           5
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171 <211> LENGTH: 5
172 <212> TYPE: PRT
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176 Phe Val Tyr Leu Ile
177   1           5
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207   1           5           10           15
209 Cys Leu Val Pro Val Ser Leu Ala Glu Asp Pro Gln Gly Asp Ala Ala
210           20           25           30

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212 Gln Lys Thr Asp Thr Ser His His Asp Gln Asp His Pro Thr Phe Asn
213      35      40      45
215 Lys Ile Thr Pro Asn Leu Ala Glu Phe Ala Phe Ser Leu Tyr Arg Gln
216      50      55      60
218 Leu Ala Ser Thr Asn Ile Phe Phe Ser Pro Val Ser Ile Ala Thr Ala
219 65      70      75      80
221 Phe Ala Met Leu Ser Leu Gly Thr Lys Ala Asp Thr His Asp Glu Ile
222      85      90      95
224 Leu Glu Gly Leu Asn Phe Asn Leu Thr Glu Ile Pro Glu Ala Gln Ile
225      100     105     110
227 His Glu Gly Phe Gln Glu Leu Leu Arg Thr Leu Asn Gln Pro Asp Ser
228      115     120     125
230 Gln Leu Gln Leu Thr Thr Gly Asn Gly Leu Phe Leu Ser Glu Gly Leu
231      130     135     140
233 Lys Leu Val Asp Lys Phe Leu Glu Asp Val Lys Lys Leu Tyr His Ser
234 145     150     155     160
236 Glu Ala Phe Thr Val Asn Phe Gly Asp Thr Glu Glu Ala Lys Lys Gln
237      165     170     175
239 Ile Asn Asp Tyr Val Glu Lys Gly Thr Gln Gly Lys Ile Val Asp Leu
240      180     185     190
242 Val Lys Glu Leu Asp Arg Asp Thr Val Phe Ala Leu Val Asn Tyr Ile
243      195     200     205
245 Phe Phe Lys Gly Lys Trp Glu Arg Pro Phe Glu Val Lys Asp Thr Glu
246      210     215     220
248 Glu Glu Asp Phe His Val Asp Gln Val Thr Thr Val Lys Val Pro Met
249 225     230     235     240
251 Met Lys Arg Leu Gly Met Phe Asn Ile Gln His Cys Lys Lys Leu Ser
252      245     250     255
254 Ser Trp Val Leu Leu Met Lys Tyr Leu Gly Asn Ala Thr Ala Ile Phe
255      260     265     270
257 Phe Leu Pro Asp Glu Gly Lys Leu Gln His Leu Glu Asn Glu Leu Thr
258      275     280     285
260 His Asp Ile Ile Thr Lys Phe Leu Glu Asn Glu Asp Arg Arg Ser Ala
261      290     295     300
263 Ser Leu His Leu Pro Lys Leu Ser Ile Thr Gly Thr Tyr Asp Leu Lys
264 305     310     315     320
266 Ser Val Leu Gly Gln Leu Gly Ile Thr Lys Val Phe Ser Asn Gly Ala
267      325     330     335
269 Asp Leu Ser Gly Val Thr Glu Glu Ala Pro Leu Lys Leu Ser Lys Ala
270      340     345     350
272 Val His Lys Ala Val Leu Thr Ile Asp Glu Lys Gly Thr Glu Ala Ala
273      355     360     365
275 Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro Pro Glu Val
276      370     375     380
278 Lys Phe Asn Lys Pro Phe Val Phe Leu Met Ile Glu Gln Asn Thr Lys
279 385     390     395     400
281 Ser Pro Leu Phe Met Gly Lys Val Val Asn Pro Thr Gln Lys
282      405     410

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number